

## Product Description

The 7010 provides eight SPDT Switches in a small space. This module provides the highest density general purpose switch, ideal for switching UUT Power as well as other current carrying signals. The 7010 has been designed with several exceptional features that make it stand out from competitive products.

■ **3U Form Factor** – The 3U PXI format is the most popular PXI size, and is compatible with all brands of PXI approved products.

■ **Discrete Wired Construction** – This method of construction provides maximum current carrying capacity, and allows for internal re-configuration for specific applications. This method also protects the Circuit board from User Induced damage, allowing an overheated wire to be replaced where an entire PC board might have to be replaced otherwise.

■ **Burndy Connectors** – Selected for current carrying capacity and robust performance.

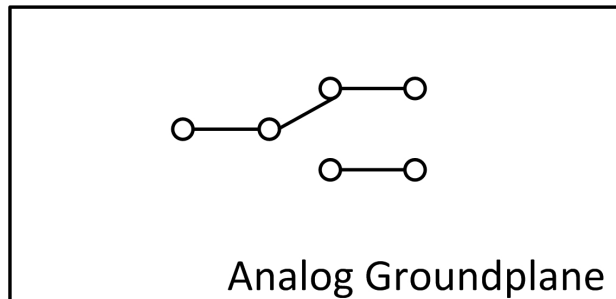
## Capabilities

- 8 SPDT
- Bandwidth = 100MHz
- Voltage Max = 150VDC, 380VAC
- Current Max = 10A (switched)

## Recommended Uses

- **Power Switching** – Low Crosstalk and high Bandwidth makes this module ideal for Higher Frequency applications as well as Power Distribution applications.
- **General Purpose switching** – the ease of expansion using this module makes it ideal for all Low Frequency switching applications.





Typical Channel (1 of 8)

- All ASCOR cards have built-in circuitry to verify both the control signal from the programming register, as well as verifying the relay coil is intact.
- All Switching modules feature built-in memory to maintain the service record of the unit with time stamping.
- All Modules carry a full 3 year Warranty

## Specifications

### Electrical

- Voltage Max = 150VDC, 380VAC
- Current Max = 10A (switched)
- Max Power = 192W or 2000VA
- Bandwidth = 100MHz
- Life Expectancy = 5M cycles
- Contact Resistance < 0.3mΩ
- J1 & J2 Connectors
  - Burndy MSD 14PM-58

### Environmental Temperature

- Operating 0° to 50°C
- Storage -40° to 75°C

### Humidity (non-condensing)

- Operating 10 to 90%
- Storage 0 to 95%

### Mechanical

- 3U PXI
- Weight 0.5 lbs

## Ordering Information

Model #	Description	Manufacturer #
7010	8 SPDT, 10A, 100 MHz	91000010
	Set of Mating connectors for one Module	89800690